

Special Grid Code Review Panel

18 October 2022

Grid Code Review Panel Minutes

Date: 18/10/2022 **Location:** Microsoft Teams
Start: 11:00am **End:** 12:00am

Participants

Attendee	Initials	Company
James Greenhalgh	JG	National Grid ESO Panel Chair Alternate
Milly Lewis	ML	Code Administrator Representative
Shazia Akhtar	SA	Panel Technical Secretary, Code Administrator
Alan Creighton	AC	Panel Member, Network Operator Representative
Alastair Frew	AF	Panel Member, Generator Representative
Antony Johnson	AJ	Alternate, National Grid ESO
Brian Rhodes	BR	Alternate, Offshore Transmission Operator Representative
Fraser Norris	FN	Alternate, Generator Representative
Graeme Vincent	GV	Alternate, Network Operator Representative
Gurpal Singh	GS	Authority Representative
Guy Nicholson	GN	Panel Member, Generator Representative
Iain Dallas	ID	Alternate, Generator Representative
Nadir Hafeez	NH	Authority Representative
Rashmi Radhakrishnan	RR	Elexon
Robert Longden	RL	Panel Member, Supplier Representative

Roddy Wilson	RW	Panel Member, Onshore Transmission Operator Representative
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Apologies

Attendee	Initials	Company
Christopher Smith	CS	Panel Member, Offshore Transmission Operator Representative
Jamie Webb	JW	National Grid ESO
John Harrower	JH	Panel Member, Generator Representative
Sigrid Bolik	SB	Panel Member, Generator Representative
Trisha McAuley	TM	Independent Panel Chair
Steve Cox	SC	Panel Member, Network Operator Representative

Presenters / Observers

Attendee	Initials	Company
Camille Gilsean	CG	ESO Workgroup member on GC0160
Garth Graham	GG	SSE (Presenting new Modification GC0160)
Luke McCartney	LM	Ofgem

1. Introductions and Apologies

- 9194. Apologies were received from Christopher Smith, Jamie Webb, John Harrower, Sigrid Bolik, Trisha McAuley and Steve Cox.
- 9195. The Chair reminded Panel Members of the requirement for impartiality and of declaring potential or perceived conflicts of interest. No declarations were received from Panel Members.
- 9196. RL questioned whether they needed to go through the “Purpose of Panel/Duties of Panel members” slide at each meeting, when it was covered off when the new Panel was established, and they were all fully aware of this.
- 9197. JG explained that it was more for his benefit as it was his first meeting as Chair, and that in future they can review whether it is still required.

2. P448/GC0160 Background

- 9198. GG presented a slide to explain the Network Gas Supply Emergency (NGSE) classification of emergency types and the different stages they can go through. GG stated that [GC0160](#) and the BSC modification [P448](#) would only apply to gas fired Generators who are in receipt of a stage 2 or higher load shedding instruction. GG advised that the Gas System Operator (GSO) could not rule out load shedding within stage 3, even though

they did not think it would occur. Therefore, they have included this within the solution and legal text. GG also explained that stage 4 is the restoration stage, so no load shedding would occur here.

3. GC0160 Workgroup Report

GC0160 - Grid Code Changes for BSC Mod P448: "Protecting Generators subject to Firm Load Shedding during a Gas Supply Emergency from excessive Imbalance Charges"

9199. ML advised that joint GC0160 and P448 workgroup meetings had been held and that the BSC governance process only allowed one alternate solution, which the Workgroup agreed had no additional knock-on effects on GC0160. Therefore, there is only one set of legal text for the Original GC0160 solution.
9200. ML advised that the ESO do not feel there will be any onward impacts to systems by changing the definition of Physical Notifications (PN(s)). However, due to the speed in which the modifications have progressed the ESO will carry out further analysis during the Code Administrator Consultation period to double check this. If any new issues are identified, they will feed them back to Panel along with what corrective action is required.
9201. RL and AC stated that any Panel agreement that the Workgroup have met their Terms of Reference (ToR) would be subject to this further analysis and whether the Workgroup needed to be reformed to address any new issues that may be identified.
9202. ML highlighted the different governance procedures for GC0160 and P448 and that P448 went out to consultation before GC0160 on 14 October 2022 and will close on the 14 November 2022.
9203. RL questioned if responses to the separate GC0160 and P448 consultation would be shared between the code administrators to identify any cross-modification implications.
9204. ML advised that the responses were shared during the Workgroup consultation where required and they will continue with this same approach for this consultation.
9205. Several legal text changes were proposed by GN and AC. After Panel discussions it was agreed that:
- i) A comma would be replaced with a full stop along with a space after the word event and before the word Physical Notifications in Balancing Codes 1 and 2 (highlighted in yellow below):

, except where a **BM Unit** is affected by a Stage 2 or higher **Network Gas Supply Emergency** load shedding event, and **Physical Notifications**
 - ii) In BC1.A.1.1 the word “where” would be added in after the words “In the case”. (highlighted in yellow below)

In the case **where** a **BM Unit** is affected by a **Network Gas Supply Emergency** load shedding event, once Stage 2 or higher has been declared, then their **Physical Notifications** shall represent the **User's** best estimate of the contracted power position of the affected **BM Unit** at the time of the event, taking into account any mitigating actions to reduce the difference between the contracted power position and the volume to be shed.
9206. ML explained to the Panel how the Workgroup ToR had been met.

9207. AF questioned how there were no impacts on the Electricity Balancing Regulations (EBR) when the two main sections being changed under GC0160 (Balancing Code 1.4.2 and Balancing Code 2.5.1) were both deemed as regulated sections in the governance rules.
9208. ML stated that the advice from the ESO legal team was that the changes were supportive of EBR but did not directly impact them.
9209. AF stated that this has not been noted within the Workgroup report and was struggling to see how this did not affect submission of balancing data. Therefore, AF did not know how they could agree that the ToR had been met.
9210. The Chair requested that the Code Administrator seek further clarity on the EBR implications from the legal team before re-presenting their finding to the Panel. The Panel would then agree whether the ToR have been met.
9211. The Chair also requested that either way, an explanation and further clarity should also be added to the Workgroup Report on the EBR impacts.
9212. RL highlighted that any substantive changes to the Workgroup Report would need to go back to the Workgroup for agreement, to confirm they were happy with the changes.
9213. ML questioned whether the Panel would be happy to agree the TOR had been met once all this had been done over email.
9214. AF stated that he was happy to do this via email and that it may be easier to say there are EBR impacts just to get the consultation out quicker. AF also highlighted that as the consultation will be running for a month regardless of any EBR impacts, this will not affect timescales.
9215. The Chair agreed that the Panel can confirm if the ToR have been met offline via email, after no objections were raised by the Panel members.

Post Panel Note: After further discussion with the ESO Legal Team it was recommended that the Workgroup report should be amended to state that there were EBR impacts just to be on the safe side. This change was agreed by the Workgroup via email on the 18/10/22 on the condition that an annex including the relevant regulated sections is included within the Workgroup Report. The Panel also agreed later that same day that GC0160 had met its ToR and should now proceed to Code Administrator Consultation. As the legal text changes requested by the Panel had now been incorporated and further clarification on the EBR impacts had also been added to the Workgroup Report and signed off by the GC0160 Workgroup.

4. Close

9216. The Chair thanked everyone for their contribution and brought the meeting to a close.

The next Grid Code Review Panel meeting will be held on 27 October 2022. This will be in Faraday House as well as via Microsoft Teams.